

## CLAIMS

### What is claimed is:

- 1 1. A method for managing hedge funds, comprising:
  - 2 conducting market analysis to identify and filter a pool of financial instruments
  - 3 for the construction of a hedge portfolio database,
  - 4 conducting computerized quantitative analysis on combinations of said financial
  - 5 instruments in said hedge portfolio database to identify potential hedge positions,
  - 6 filtering at least one of said combinations based on filtering parameters to form a
  - 7 clearance combination,
  - 8 placing a trade order to open a hedge position based on said clearance
  - 9 combination,
  - 10 monitoring said hedge position to determine whether trading parameters have
  - 11 been met, and
  - 12 placing a trade order to close said hedge position.
- 1 2. The method according to claim 1, wherein conducting computerized quantitative analysis
- 2 on combinations of said financial instruments in said hedge portfolio database includes
- 3 calculating match, reward, risk, and variance values.
- 1 3. The method according to claim 1, further comprising:
  - 2 simulating trading of at least one of said combinations to optimize said filtering
  - 3 parameters.

1       4.     The method according to claim 3, further comprising:  
2                   generating accounting data based on said trade orders.

1       5.     The method according to claim 4, further comprising:  
2                   generating client statements based on said accounting data.

1       6.     A system for managing hedge funds, comprising:  
2                   means for conducting market analysis to identify and filter a pool of financial  
3                   instruments for the construction of a hedge portfolio database,  
4                   means for conducting computerized quantitative analysis on combinations of said  
5                   financial instruments in said hedge portfolio database to identify potential hedge  
6                   positions,  
7                   means for filtering at least one of said combinations based on filtering parameters  
8                   to form a clearance combination,  
9                   means for placing a trade order to open a hedge position based on said clearance  
10                  combination,  
11                  means for monitoring said hedge position to determine whether trading  
12                  parameters have been met, and  
13                  means for placing a trade order to close said hedge position.

1       7.     The system according to claim 6, wherein said means for conducting computerized  
2                  quantitative analysis on combinations of said financial instruments in said hedge portfolio  
3                  database includes means for calculating match, reward, risk, and variance values.

1 8. The system according to claim 6, further comprising:  
2                   means for simulating trading of at least one of said combinations to optimize said  
3                   filtering parameters.

1 9. The system according to claim 8, further comprising:  
2                   means for generating accounting data based on said trade orders.

1 10. The system according to claim 9, further comprising:  
2                   means for generating client statements based on said accounting data.

1 11. A system for managing hedge funds, comprising:  
2                   an input device,  
3                   a memory device,  
4                   a processor, coupled to said input device and said memory device, said processor  
5                   generating  
6                   (i) data representing the conducting of market analysis to identify and  
7                   filter a pool of financial instruments for the construction of a hedge  
8                   portfolio,  
9                   (ii) data representing the conducting of computerized quantitative  
10                   analysis on combinations of said financial instruments in said  
11                   hedge portfolio database to identify potential hedge positions,  
12                   (iii) data representing the filtering of at least one of said combinations  
13                   based on filtering parameters to form a clearance combination,

14 (iv) data representing the placement of a trade order to open a hedge  
15 position based on said clearance combination,  
16 (v) data representing the monitoring of said hedge position to  
17 determine whether trading parameters have been met,  
18 (vi) data representing the placement of a trade order to close said hedge  
19 position, and  
20 an output device, coupled to said processor, to output said data representing said  
21 placement of said trade orders.

1 12. The system according to claim 11, wherein said data representing the conducting of  
2 computerized quantitative analysis on combinations of said financial instruments in said  
3 hedge portfolio database includes calculating match, reward, risk, and variance values.

1 13. The system according to claim 11, wherein said processor further generating:  
2 data representing the simulation of trading of at least one of said combinations to  
3 optimize said filtering parameters.

1 14. The system according to claim 13, wherein said processor further generating:  
2 data representing accounting data based on said trade orders.

1 15. The system according to claim 14, wherein said processor further generating:  
2 data representing client statements based on said accounting data.

1 16. A computer program product for managing hedge funds, said computer program product  
2 comprising:  
3 a computer usable medium having a computer readable program code embodied  
4 in said medium for causing a computer to:  
5 conduct market analysis to identify and filter a pool of financial instruments for  
6 the construction of a hedge portfolio database,  
7 conduct computerized quantitative analysis on combinations of said financial  
8 instruments in said hedge portfolio database to identify potential hedge positions,  
9 filter at least one of said combinations based on filtering parameters to form a  
10 clearance combination,  
11 place a trade order to open a hedge position based on said clearance combination,  
12 monitor said hedge position to determine whether trading parameters have been  
13 met, and  
14 place a trade order to close said hedge position.

1 17. The computer program product according to claim 16, wherein said computer readable  
2 program code causes said computer to calculate match, reward, risk, and variance values  
3 when conducting hedge analysis to identify combinations of said financial instruments in  
4 said hedge portfolio for potential hedge positions.

1 18. The computer program product according to claim 16, wherein said computer readable  
2 program code further causes said computer to:

3                   simulate trading of at least one of said combinations to optimize said filtering  
4                   parameters.

1   19.   The computer program product according to claim 18, wherein said computer readable  
2                   program code further causes said computer to:  
3                   generate accounting data based on said trade orders.

1   20.   The computer program product according to claim 19, wherein said computer readable  
2                   program code further causes said computer to:  
3                   generate client statements based on said accounting data.